



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 06/28/05

AGENDA ITEM 5

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Hayward Executive Airport Improvements: Approval of Addendum and Award of Contract

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolution that:

1. Approves Addendum No.1, which provides the updated Federal Minimum Wage Rates, makes minor revisions to the plans and specifications, and extends the bid opening date from May 31, 2005 to June 7, 2005;
2. Awards the contract to O'Grady Paving of Mountain View, CA in the adjusted amount of \$3,064,886.02.

BACKGROUND:

The updated Airport Master Plan for the Hayward Executive Airport was approved by the City Council on April 16, 2002. The plan included numerous recommendations for continuing the development and improvement of the airport site.

On September 25, 2001, Council authorized acceptance of an Airport Improvement Program Grant (AIP-12) from the Federal Aviation Administration (FAA) under the Airport and Airway Improvement Act of 1982. This grant was for four Airport capital improvement projects. One project will widen Taxiway "Alpha One" in order to allow larger-wingspan aircraft to safely use this taxiway. Another project will relocate the segmented circle and lighted windsock and will install appropriate traffic pattern indicators to conform to those FAA standards that must be met before relocating Taxiway Zulu in the future. The third project will overlay Runway 10R/28L to improve the pavement surface and drainage flow, and the fourth project will widen the entrance to Runway 28L.

Also, on September 24, 2002, Council authorized acceptance of AIP Grant No. 13 from the FAA. This grant was to fund the design of five Airport capital improvement projects and construction of three of the projects. The construction of the remaining two projects will be postponed to fiscal year 2005-06 and will most likely be funded with future FAA grant monies.

The largest of the three projects scheduled for both design and construction was the development of a helipad to serve the north side of the airport. For optimal safety, the helipad will be located west of the transient apron in an area separate from the fixed-winged aircraft.

This location will serve transient helicopters and will reduce over flights of residential areas by concentrating helicopter operations in one area of the Airport. Arrival and departure procedures for this location will be included in the recently approved Helicopter Arrival and Departure Study. The second project involves placement of an asphalt concrete overlay on Runway 10L/28R to improve the pavement surface and drainage flow. The third project calls for the installation of precision approach path indicator (PAPI) lighting to assist pilots in determining the correct approach glide path for Runway 10L. As noted above, two other projects - the realignment of Taxiway Zulu and Phase I of the Corsair Executive Hangar Apron - are to be constructed next fiscal year due to limited funds available from AIP-13.

The Airport Improvement Program projects contained in grants AIP-12 and AIP-13 were combined to bid as one contract. The contract documents include separate construction plans and bid sheets for AIP-12 and AIP-13 as well as a combined set of specifications. The projects were combined to avoid conflicts on runway closures and other airport operations, to minimize the total construction duration by combining various phases of work, and to potentially receive better bid prices by increasing the quantities for similar work.

On May 3, 2005, the City Council approved the plans and specifications for the Hayward Executive Airport Improvements AIP-12 & AIP-13 and called for bids to be received on May 31, 2005. During the bidding period, Addendum No. 1 was issued to provide the updated Federal Minimum Wage Rate, make minor revisions to the plans and specifications, and extend the bid opening date from May 31, 2005 to June 7, 2005.

On June 7, 2005, five bids were received for the project. O'Grady Paving of Mountain View submitted the low bid in the amount of \$4,144,827.02, which is 29.1 percent above the Engineer's Estimate of \$3,209,966.68. Top Grade Construction, Inc., of Livermore submitted the second low bid in the amount of \$4,295,008.18, which is 33.8 percent above the Engineer's Estimate and \$150,181.16 more than the low bid. The bids ranged from \$4,144,827.02 to \$4,820,840.03.

The significant differences of the bids compared to the engineer's estimate are the higher costs in the areas of mobilization, survey, concrete, and asphalt paving. The plans and specifications for this project were originally ready for the City Council to approve on December 14, 2004, and to call for bids to be received on January 18, 2005. The engineer's estimate was prepared based on last year's construction costs; it was assumed that bids would be received in the less-active winter time. However, due to the FAA's delay on approving the required federal Finding of No Significant Impact (FONSI) document, the Council's actual action to approve the plans and specifications was postponed for five months, which changed the bidding period from winter to summer. Staff believes this is another contributing factor to the significant difference between the engineer's estimate and the bids received.

However, based on the number of consistent bids, staff does recommend award of a contract to the low bidder, O'Grady Paving. Further review of the low bid revealed that the North Heliport construction (one of the AIP-13 projects) resulted in the greatest increase between the engineer's estimate and the low bidder's price. Delaying construction of the North Heliport seems to make sense, since it can be easily separated from the work and will allow this contract to complete the improvements directly related to the operations of the two runways. O'Grady Paving is willing to accept the reduced contract with the elimination of the North Heliport work at the associated unit bid prices. Staff has confirmed that even with elimination of the North Heliport work from the contract, O'Grady remains the low bidder. The FAA has indicated they also would support a modification to the scope of AIP-13, so that the same funding would be available, and the Heliport would be deferred to the next funding cycle.

This project has a single goal of 12 percent Disadvantaged Business Enterprise (DBE) participation under the federal program, since the project is primarily funded with federal funds. O'Grady Paving included a total of 12.6 percent DBE participation in their original bid, which decreases to 3 percent under the contract to be awarded, since most of the concrete being done by a DBE is eliminated.

PROJECT COSTS:

The combined estimated costs for the projects are as follows:

Contract Construction (Minus Heliport)	\$ 3,064,886
Consultant Design and Construction Support	489,000
City Design Administration	170,000
Inspection and Testing	153,114
Total	\$ 3,877,000

FUNDING:

The recommended 2005-06 Capital Improvement Program includes a combined total of \$4,025,000 in the Airport Improvement Fund for these AIP-12 and AIP-13 projects. Based on previous and present FAA grants, \$1,741,000 will be reimbursed under AIP-12 and \$1,700,000 will be reimbursed under AIP-13.

SCHEDULE:

The following schedule has been developed for this project:

Award Construction Contract	June 28, 2005
Begin Construction	July 18, 2005
Complete Construction	November 1, 2005

Prepared by:



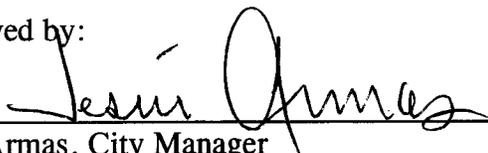
Robert A. Bauman, Deputy Director of Public Works

Recommended by:



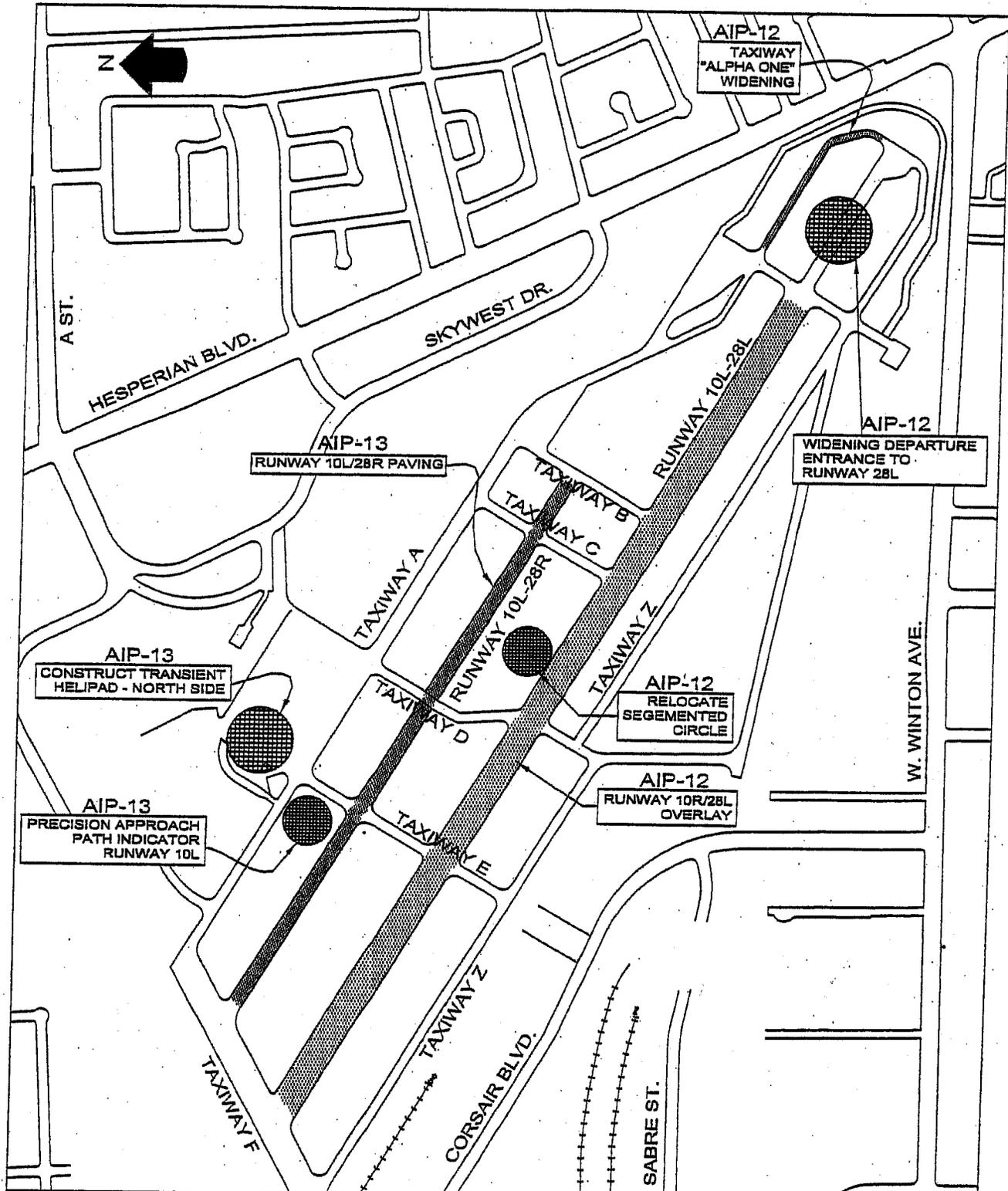
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

- Attachments: Exhibit A: Location Map
Exhibit B: Summary of Bids
Exhibit C: Modified Bid for Award



**HAYWARD EXECUTIVE AIRPORT
IMPROVEMENTS (AIP-12 & AIP-13)**

Project Nos. 6818, 6821, 6830, 6833, 6839, 6841 & 6842

LOCATION MAP

Exhibit A

CITY OF HAYWARD
AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005
(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY				ENGINEER'S ESTIMATE		O'GRADY PAVING 2513 Wyandotte Road Mountain View CA 94043 650-966-1926 PHONE 650-966-1946 FAX		Top Grade Construction Inc. 50 Contractors Street Livermore CA 94551 925-449-5764 PHONE 925-449-5875 FAX		Granite Rock Company dba Pavex Construction Div 330 Blomquist Street Redwood City CA 94063 408-574-1400 PHONE 408-365-9548 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE A: AIP-12											
1	1	LS	Mobilization, P-100	80,000.00	80,000.00	150,000.00	150,000.00	212,000.00	212,000.00	15,000.00	15,000.00
2	1	LS	Field Surveys, P-101	40,000.00	40,000.00	80,000.00	80,000.00	70,000.00	70,000.00	30,000.00	30,000.00
3	12	ACRE	Clearing and Grubbing, P-151(i)	1,500.00	18,000.00	4,166.67	50,000.04	880.00	10,560.00	2,100.00	25,200.00
4	5,924	SY	AC Pavement Removal, P-151(ii)	3.50	20,734.00	4.00	23,696.00	0.50	2,962.00	8.50	50,354.00
5	80	LF	Existing Twin 12-inch Storm Drain RCP Removal, P-151(iii)	10.00	800.00	50.00	4,000.00	28.00	2,240.00	52.00	4,160.00
6 (F)	1,600	CY	Excavation and Embankment, P-152(i)	5.00	8,000.00	20.00	32,000.00	4.00	6,400.00	27.00	43,200.00
7	9,290	SY	Subgrade Preparation, P-152(ii)	2.00	18,580.00	4.00	37,160.00	3.00	27,870.00	2.00	18,580.00
8 (F)	2,900	CY	Surplus Excavated Material in Embankments, P-152(iii)	5.00	14,500.00	6.00	17,400.00	6.00	17,400.00	9.50	27,550.00
9 (F)	3,500	CY	Surplus Excavated Material in Stockpiles, P-152(iv)	4.00	14,000.00	5.00	17,500.00	4.00	14,000.00	9.00	31,500.00
10	2,448	CY	Subbase Course, P-154	15.00	36,720.00	34.00	83,232.00	40.00	97,920.00	43.00	105,264.00
11	1,338	CY	Crushed Aggregate Base Course, P-209	25.00	33,450.00	38.00	50,844.00	54.00	72,252.00	48.00	64,224.00
12	2,375	CY	Existing Shoulder Re-Grading with Granular Material, P-220(i)	30.00	71,250.00	40.00	95,000.00	32.00	76,000.00	16.00	38,000.00
13	19,847	SY	Fog Seal Granular Shoulder, P-220(ii)	0.50	9,923.50	0.30	5,954.10	0.20	3,969.40	0.30	5,954.10
14	433	CY	New Granular Shoulder, P-220(iii)	30.00	12,990.00	40.00	17,320.00	41.00	17,753.00	40.00	17,320.00
15	16,511	TN	Plant Mix Bituminous Concrete Pavements, P-401(i)	52.00	858,572.00	56.00	924,616.00	58.00	957,638.00	71.00	1,172,281.00
16	1	LS	Asphalt & Concrete Testing Laboratory, P-401(ii) (HALF OF TOTAL ITEM PRICE)	15,000.00	15,000.00	50,000.00	50,000.00	70,000.00	70,000.00	45,000.00	45,000.00
17	1	LS	Crack Treatment, P-401(iii)	6,000.00	6,000.00	10,000.00	10,000.00	18,000.00	18,000.00	16,500.00	16,500.00
18	15,758	GAL	Bituminous Tack Coat, P-603	3.00	47,274.00	3.00	47,274.00	3.25	51,213.50	3.00	47,274.00
19	1	LS	Temporary Runway Closure Markings, P-620(i) (HALF OF TOTAL ITEM PRICE)	900.00	900.00	10,000.00	10,000.00	2,800.00	2,800.00	11,500.00	11,500.00

Exhibit B

**CITY OF HAYWARD
 AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
 PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
 BIDS OPENED: MAY 31, 2005**

(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY			ENGINEER'S ESTIMATE		O'GRADY PAVING 2513 Wyandotte Road Mountain View CA 94043 650-966-1926 PHONE 650-966-1946 FAX		Top Grade Construction Inc. 50 Contractors Street Livermore CA 94551 925-449-5764 PHONE 925-449-5875 FAX		Granite Rock Company dba Pavex Construction Div 330 Blomquist Street Redwood City CA 94063 408-574-1400 PHONE 408-365-9548 FAX		
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
20	1	EA	Lighted "X" Runway Closure Markers, P-620(ii)	10,000.00	10,000.00	10,000.00	10,000.00	20,000.00	20,000.00	23,500.00	23,500.00
21	1	LS	Temporary Barricades, P-620(iii) (HALF OF TOTAL ITEM PRICE)	15,000.00	15,000.00	10,000.00	10,000.00	5,500.00	5,500.00	12,000.00	12,000.00
22	102,404	SF	Existing Pavement Marking Removal, P-620(iv)	0.80	81,923.20	0.45	46,081.80	0.45	46,081.80	0.25	25,601.00
23	14,373	SF	Temporary Marking Application & Removal, P-620(v)	1.50	21,559.50	2.20	31,620.60	2.25	32,339.25	5.00	71,865.00
24	109,219	SF	Permanent Pavement Markings - First Coat, P-620(vi)	0.50	54,609.50	0.22	24,028.18	0.22	24,028.18	0.50	54,609.50
25	109,219	SF	Permanent Pavement Markings - Second Coat, P-620(vii)	0.50	54,609.50	0.45	49,148.55	0.45	49,148.55	1.00	109,219.00
26	2,035	SY	Emulsified Asphalt Slurry Seal, P-626	10.00	20,350.00	15.00	30,525.00	4.00	8,140.00	4.00	8,140.00
27	224	LF	Redwood Header, P-630	2.29	512.96	10.00	2,240.00	7.00	1,568.00	28.00	6,272.00
28	12,449	SY	AC Pavement Cold Milling, P-650	2.75	34,234.75	1.25	15,561.25	1.65	20,540.85	1.50	18,673.50
29	14,772	SY	Hydroseeding, T-901	0.35	5,170.20	1.20	17,726.40	1.20	17,726.40	1.50	22,158.00
30	1	LS	SWPPP and Temporary Pollution Control Measures, W-100 (HALF OF TOTAL ITEM PRICE)	6,000.00	6,000.00	5,000.00	5,000.00	2,500.00	2,500.00	400.00	400.00
31	700	LF	Silt Fence, W-101(i)	10.00	7,000.00	5.00	3,500.00	3.00	2,100.00	6.00	4,200.00
32	20	LF	Sand Bags, W-101(i)	15.00	300.00	100.00	2,000.00	38.00	760.00	47.00	940.00
33	33	EA	Remove Existing Edge Light, Complete With Concrete Base L-101(i)	200.00	6,600.00	330.00	10,890.00	470.00	15,510.00	230.00	7,590.00
34	2,290	LF	Remove electrical conduit, L-101(ii)	3.00	6,870.00	4.00	9,160.00	33.50	76,715.00	10.00	22,900.00
35	4	EA	Ground Rods for Abandoned Wires in Place, L-101(iii)	100.00	400.00	220.00	880.00	210.00	840.00	300.00	1,200.00
36	1,690	LF	Remove PAPI power circuit cable, 600V (3/C Circuit Footage) L-101(iv)	1.00	1,690.00	1.10	1,859.00	0.60	1,014.00	2.00	3,380.00

CITY OF HAYWARD
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PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005

(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY				ENGINEER'S ESTIMATE		O'GRADY PAVING 2513 Wyandotte Road Mountain View CA 94043 650-966-1926 PHONE 650-966-1946 FAX		Top Grade Construction Inc. 50 Contractors Street Livermore CA 94551 925-449-5764 PHONE 925-449-5875 FAX		Granite Rock Company dba Pavex Construction Div 330 Blomquist Street Redwood City CA 94063 408-574-1400 PHONE 408-365-9548 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
37	1	LS	Existing Wind Cone Assembly Removal, L-101(v)	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	3,500.00	3,500.00
38	4	EA	Adjust Existing Stem-Mounted Edge Light to Proposed Grade, L-102(i)	400.00	1,600.00	350.00	1,400.00	1,000.00	4,000.00	405.00	1,620.00
39	4	EA	Adjust Existing Semi-Flush End Light to Proposed Grade L-102(ii)	400.00	1,600.00	1,000.00	4,000.00	1,000.00	4,000.00	405.00	1,620.00
40	31	EA	L-861T Taxiway Edge Light - Stem Mounted, Omni-directional, Blue, L-103	700.00	21,700.00	700.00	21,700.00	950.00	29,450.00	775.00	24,025.00
41	8	EA	L-861E Runway End Light - Stem Mounted, Bi-directional, Red/Red, L-104(i)	750.00	6,000.00	900.00	7,200.00	950.00	7,600.00	790.00	6,320.00
42	6	EA	L-861 Runway Edge Light - Stem Mounted, Bi-directional, Yellow/Red, L-104(ii)	750.00	4,500.00	900.00	5,400.00	950.00	5,700.00	800.00	4,800.00
43	6	EA	L-850E Runway Threshold Light - Semi-flush, Uni-directional, Green, L-104(iii)	1,450.00	8,700.00	1,600.00	9,600.00	1,335.00	8,010.00	1,100.00	6,600.00
44	2	EA	L-850D Runway Edge/Threshold Light - Semi-flush, Bi-directional, Yellow/Green, L-104(iv)	1,450.00	2,900.00	2,000.00	4,000.00	1,700.00	3,400.00	1,500.00	3,000.00
45	3	EA	New Base for Runway End Light - Semi-flush, Red Lens (Re-use Fixture), L-104(v)	1,450.00	4,350.00	700.00	2,100.00	1,500.00	4,500.00	765.00	2,295.00
46	10	EA	Remove and Replace Runway Edge Light Lens - Yellow/Clear, L-104(vi)	200.00	2,000.00	110.00	1,100.00	140.00	1,400.00	127.00	1,270.00
47	7	EA	Junction Box, L-104(vii)	450.00	3,150.00	800.00	5,600.00	800.00	5,600.00	460.00	3,220.00
48	5,522	LF	No. 8 AWG - 5 kV, Copper Wire, L-107	1.00	5,522.00	1.30	7,178.60	0.85	4,693.70	2.00	11,044.00
49	11,572	LF	No. 4 AWG - 600 Volt, THHN Cable, Copper Wire, L-108(i)	0.30	3,471.60	1.40	16,200.80	3.35	38,766.20	4.00	46,288.00
50	5,786	LF	No. 6 AWG - 600 Volt, THHN Cable, Copper Wire, L-108(ii)	0.25	1,446.50	1.20	6,943.20	0.95	5,496.70	4.00	23,144.00
51	2,570	LF	Single - 2 inch Sch 40 PVC Duct, 18" Deep Minimum, L-110(i)	9.00	23,130.00	13.00	33,410.00	21.00	53,970.00	12.00	30,840.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
52	100	LF	Single - 2 inch Sch 40 PVC Duct, Concrete-Encased, 18" Deep Minimum, L-110(ii)	15.00	1,500.00	18.00	1,800.00	30.00	3,000.00	17.00	1,700.00
53	2	EA	Electrical Pullbox, L-114(i)	1,200.00	2,400.00	3,500.00	7,000.00	3,600.00	7,200.00	3,400.00	6,800.00
54	1	EA	Dewater Existing Pullbox and Add Gasket and Bolts, L-114(ii)	200.00	200.00	900.00	900.00	950.00	950.00	850.00	850.00
55	1	EA	Install Fiberglass Barrier Inside Existing Pullbox, L-114(iii)	200.00	200.00	1,300.00	1,300.00	1,000.00	1,000.00	1,200.00	1,200.00
56	1	EA	Small Pre-Cast Electrical Pullbox, L-114(iv)	200.00	200.00	900.00	900.00	800.00	800.00	850.00	850.00
57	1	EA	Airport Sign - 1 Module, Size 1, L-125(i)	2,300.00	2,300.00	3,000.00	3,000.00	3,200.00	3,200.00	2,900.00	2,900.00
58	1	EA	Airport Sign - 2 Module, Size 1, L-125(ii)	2,300.00	2,300.00	4,000.00	4,000.00	4,000.00	4,000.00	3,800.00	3,800.00
59	6	EA	Airport Sign - 1 Module, Size 4, L-125(iii)	4,000.00	24,000.00	6,000.00	36,000.00	6,000.00	36,000.00	5,750.00	34,500.00
60	1	EA	Relocate 1-Module Sign and Extend Concrete Footing L-125(iv)	1,500.00	1,500.00	1,500.00	1,500.00	4,000.00	4,000.00	1,500.00	1,500.00
61	1	EA	Relocate 2-Module Sign and Extend Concrete Footing L-125(v)	2,000.00	2,000.00	2,000.00	2,000.00	4,500.00	4,500.00	1,900.00	1,900.00
62	9	EA	New Sign Panels, L-125(vi)	200.00	1,800.00	700.00	6,300.00	670.00	6,030.00	635.00	5,715.00
63	1	LS	New Lighted Wind Cone Assembly, L-136	10,000.00	10,000.00	5,200.00	5,200.00	12,900.00	12,900.00	5,100.00	5,100.00
64	1	LS	Recycling Implementation, P-158	5,000.00	5,000.00	2,000.00	2,000.00	1,000.00	1,000.00	795.00	795.00
65	1	LS	Administrative Change Orders	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00
TOTAL SCHEDULE A				1,897,993.21		2,294,949.52		2,437,656.53		2,518,705.10	
SCHEDULE A: AIP-12 BID ADDITIVE ALTERNATIVE 1											
66	1	LS	Phase 2 Construction in 10 consecutive calendar days (with Night Work) P-100-alt-1	100,000.00	100,000.00	100,000.00	100,000.00	200,000.00	200,000.00	70,000.00	70,000.00
SCHEDULE A BASE BID + BID ADDITIVE ALTERNATIVE 1				1,997,993.21		2,394,949.52		2,637,656.53		2,588,705.10	

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE B: AIP-13											
67	1	LS	Mobilization, P-100	56,000.00	56,000.00	70,000.00	70,000.00	120,000.00	120,000.00	18,000.00	18,000.00
68	1	LS	Field Surveys, P-101	30,000.00	30,000.00	40,000.00	40,000.00	46,000.00	46,000.00	10,000.00	10,000.00
69	4	ACRE	Clearing and Grubbing, P-151(i)	1,500.00	6,000.00	5,000.00	20,000.00	1,320.00	5,280.00	12,225.00	48,900.00
70	7,379	SY	AC Pavement Removal, P-151(ii)	6.00	44,274.00	3.00	22,137.00	2.00	14,758.00	3.00	22,137.00
71	194	LF	Curb and Gutter Removal, P-151(iii)	5.00	970.00	15.00	2,910.00	6.50	1,261.00	24.00	4,656.00
72	1	LS	Storm Drain Facility Removal, P-151 (iv)	1,500.00	1,500.00	10,000.00	10,000.00	5,000.00	5,000.00	3,324.00	3,324.00
73	5	EA	Tree Removal, P-151 (v)	250.00	1,250.00	1,000.00	5,000.00	600.00	3,000.00	1,298.00	6,490.00
74	10,755	SY	Subgrade Preparation, P-152 (ii)	2.00	21,510.00	4.00	43,020.00	3.00	32,265.00	0.80	8,604.00
75	3,600	CY	Surplus Excavated Material in Embankments, P-152(iii)	5.00	18,000.00	6.00	21,600.00	3.65	13,140.00	8.00	28,800.00
76	1,268	CY	Subbase Course, P-154	20.00	25,360.00	34.00	43,112.00	40.00	50,720.00	36.00	45,648.00
77	4,047	SY	Engineering Fabric (Geogrid) over Subgrade, P-159	2.00	8,094.00	8.00	32,376.00	5.00	20,235.00	5.00	20,235.00
78	1,636	CY	Crushed Aggregate Base Course, P-209	25.00	40,900.00	38.00	62,168.00	53.00	86,708.00	59.00	96,524.00
79	714	CY	Existing Shoulder Re-Grading with Granular Material, P-220(i)	30.00	21,420.00	40.00	28,560.00	10.00	7,140.00	35.00	24,990.00
80	8,570	SY	Fog Seal Granular Shoulder, P-220(ii)	0.50	4,285.00	0.50	4,285.00	0.30	2,571.00	0.32	2,742.40
81	6,316	TN	Plant Mix Bituminous Concrete Pavements, P-401(i)	54.00	341,064.00	60.00	378,960.00	58.00	366,328.00	57.00	360,012.00
82	1	LS	Asphalt & Concrete Testing Laboratory, P-401 (ii) (HALF OF TOTAL ITEM PRICE)	5,000.00	5,000.00	50,000.00	50,000.00	33,000.00	33,000.00	45,000.00	45,000.00
83	1	LS	Crack Treatment, P-401 (iii)	6,700.00	6,700.00	10,000.00	10,000.00	6,500.00	6,500.00	5,800.00	5,800.00
84		TN	DELETED		0.00		0.00		0.00		0.00
85	4,934	SY	Portland Cement Concrete Pavement - 8 Inch, P-501(i)	35.00	172,690.00	75.00	370,050.00	75.00	370,050.00	70.00	345,380.00
86	750	LF	6" PCC Curb & Gutter, P-502(i)	25.00	18,750.00	22.00	16,500.00	39.00	29,250.00	35.00	26,250.00

**CITY OF HAYWARD
AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005**

(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY			ENGINEER'S ESTIMATE		O'GRADY PAVING		Top Grade Construction Inc.		Granite Rock Company dba Pavex Construction Div		
					2513 Wyandotte Road Mountain View CA 94043		50 Contractors Street Livermore CA 94551		330 Blomquist Street Redwood City CA 94063		
					650-966-1926	PHONE	925-449-5764	PHONE	408-574-1400	PHONE	
					650-966-1946	FAX	925-449-5875	FAX	408-365-9548	FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
87	215	LF	6" PCC Island Curb, P-502(ii)	20.00	4,300.00	20.00	4,300.00	37.00	7,955.00	33.00	7,095.00
88	135	LF	4' Wide PCC V-Gutter, P-502(iii)	20.00	2,700.00	30.00	4,050.00	70.00	9,450.00	63.00	8,505.00
89	5,200	GAL	Bituminous Tack Coat, P-603	3.00	15,600.00	3.00	15,600.00	3.75	19,500.00	3.00	15,600.00
90	1	LS	Temporary Runway Closure Markings, P-620(i) (HALF OF TOTAL ITEM PRICE)	500.00	500.00	10,000.00	10,000.00	2,800.00	2,800.00	11,500.00	11,500.00
91	1	EA	Lighted "X" Runway Closure Markers, P-620(ii)	10,000.00	10,000.00	10,000.00	10,000.00	20,000.00	20,000.00	23,500.00	23,500.00
92	1	LS	Temporary Barricades, P-620(iii) (HALF OF TOTAL ITEM PRICE)	15,000.00	15,000.00	10,000.00	10,000.00	17,000.00	17,000.00	12,000.00	12,000.00
93	20,000	SF	Existing Pavement Marking Removal, P-620(iv)	0.80	16,000.00	0.45	9,000.00	0.45	9,000.00	0.50	10,000.00
94	40,830	SF	Permanent Pavement Markings - First Coat, P-620(v)	0.50	20,415.00	0.22	8,982.60	0.22	8,982.60	0.50	20,415.00
95	34,650	SF	Permanent Pavement Markings - Second Coat, P-620(vi)	0.50	17,325.00	0.45	15,592.50	0.45	15,592.50	1.00	34,650.00
96	4,355	SY	AC Pavement Cold Milling, P-650	2.75	11,976.25	1.60	6,968.00	1.60	6,968.00	1.40	6,097.00
97	255	LF	12" PVC Storm Drain Line, D-701	40.00	10,200.00	70.00	17,850.00	72.00	18,360.00	75.00	19,125.00
98	75	LF	12" Wide Trench Drain (Helipad), D-751(i)	120.00	9,000.00	400.00	30,000.00	110.00	8,250.00	360.00	27,000.00
99	1	EA	Storm Drain Inlet Type "D", D-751(ii)	4,000.00	4,000.00	4,000.00	4,000.00	1,550.00	1,550.00	2,500.00	2,500.00
100	1	EA	Storm Water Drain Inlet, D-751(iii)	5,000.00	5,000.00	4,000.00	4,000.00	1,550.00	1,550.00	2,500.00	2,500.00
101	3	EA	Manhole Frame, Cover & Pan, D-751(iv)	400.00	1,200.00	600.00	1,800.00	550.00	1,650.00	500.00	1,500.00
102	1	EA	Oil Water Separator, 550 Gallon Capacity, 55 GPM Flow Rate, D-760	14,000.00	14,000.00	17,000.00	17,000.00	17,000.00	17,000.00	25,000.00	25,000.00
103	6	LF	2" HDPE Pressure Sewer Pipe & Fittings, D-770(i)	15.00	90.00	45.00	270.00	45.00	270.00	115.00	690.00
104	455	LF	2.5" HDPE Pressure Sewer Pipe & Fittings, D-770(ii)	15.00	6,825.00	22.00	10,010.00	22.00	10,010.00	75.00	34,125.00

CITY OF HAYWARD
AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005
(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY			ENGINEER'S ESTIMATE		O'GRADY PAVING 2513 Wyandotte Road Mountain View CA 94043 650-966-1926 PHONE 650-966-1946 FAX		Top Grade Construction Inc. 50 Contractors Street Livermore CA 94551 925-449-5764 PHONE 925-449-5875 FAX		Granite Rock Company dba Pavex Construction Div 330 Blomquist Street Redwood City CA 94063 408-574-1400 PHONE 408-365-9548 FAX		
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
105	1	LS	Pressure and Leakage Tests of Sewer Pipes, D-770(iii)	1,500.00	1,500.00	3,000.00	3,000.00	2,700.00	2,700.00	1,800.00	1,800.00
106	1	EA	Connect New 2.5" HDPE Pressure Sewer to Existing Manhole, D-770(iv)	500.00	500.00	1,300.00	1,300.00	1,300.00	1,300.00	540.00	540.00
107	1	EA	Fiberglass Pump Basin, D-770(v)	5,000.00	5,000.00	12,000.00	12,000.00	12,200.00	12,200.00	656.00	656.00
108	1	EA	1" Air Release Valve, D-770(vi)	300.00	300.00	3,300.00	3,300.00	3,300.00	3,300.00	1,100.00	1,100.00
109	2	EA	Gate Valve, D-770(vii)	300.00	600.00	300.00	600.00	320.00	640.00	370.00	740.00
110	2	EA	Check Valve, D-770(viii)	300.00	600.00	1,100.00	2,200.00	1,100.00	2,200.00	380.00	760.00
111	9,158	SY	Hydroseeding, T-901	0.73	6,685.34	1.30	11,905.40	1.20	10,989.60	1.30	11,905.40
112	1	LS	SWPPP and Temporary Pollution Control Measures, W-100 (HALF OF TOTAL ITEM PRICE)	6,000.00	6,000.00	5,000.00	5,000.00	5,200.00	5,200.00	400.00	400.00
113	2,160	LF	Silt Fence, W-101(i)	10.00	21,600.00	5.00	10,800.00	2.50	5,400.00	1.75	3,780.00
114	285	LF	Sand Bags, W-101(ii)	15.00	4,275.00	10.00	2,850.00	21.00	5,985.00	13.00	3,705.00
115	2	EA	Storm Drain Inlet Protection, W-101(iii)	200.00	400.00	2,000.00	4,000.00	280.00	560.00	1,800.00	3,600.00
116	605	LF	2" HDPE Water Line & Fittings, W-200(i)	15.00	9,075.00	18.00	10,890.00	16.00	9,680.00	54.00	32,670.00
117	1	LS	Pressure and Leakage Tests of Water Pipes, W-200(ii)	1,500.00	1,500.00	2,600.00	2,600.00	2,600.00	2,600.00	940.00	940.00
118	1	EA	Connect New 2" HDPE Water to Existing Water Valve W-200(iii)	100.00	100.00	1,300.00	1,300.00	1,250.00	1,250.00	170.00	170.00
119	1	EA	2" Water Gate Valve with Valve Box, W-200(iv)	300.00	300.00	165.00	165.00	165.00	165.00	2,750.00	2,750.00
120	1	EA	2" Water Service Connection, incl.City Installation & Connection Fees, W-200(v)	2,000.00	2,000.00	1,400.00	1,400.00	1,400.00	1,400.00	675.00	675.00
121	6	EA	PCC Thrust Blocks, W-200(vi)	10.00	60.00	110.00	660.00	110.00	660.00	200.00	1,200.00
122	1	EA	Backflow Preventer, W-200(vii)	800.00	800.00	1,000.00	1,000.00	1,050.00	1,050.00	945.00	945.00
123	1	EA	Hose Bib, W-200(viii)	200.00	200.00	110.00	110.00	110.00	110.00	175.00	175.00
124	2	EA	Work Table and Seats, W-200(ix)	4,000.00	8,000.00	5,000.00	10,000.00	2,800.00	5,600.00	2,900.00	5,800.00
125	3	EA	Dry Chemical Fire Extinguisher, W-200(x)	135.00	405.00	300.00	900.00	350.00	1,050.00	400.00	1,200.00

**CITY OF HAYWARD
AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005**

(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY				ENGINEER'S ESTIMATE		O'GRADY PAVING 2513 Wyandotte Road Mountain View CA 94043 650-966-1926 PHONE 650-966-1946 FAX		Top Grade Construction Inc. 50 Contractors Street Livermore CA 94551 925-449-5764 PHONE 925-449-5875 FAX		Granite Rock Company dba Pavex Construction Div 330 Blomquist Street Redwood City CA 94063 408-574-1400 PHONE 408-365-9548 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
126	3	EA	Fire Extinguishers Cabinets on PCC Footing, W-200(xi)	1,200.00	3,600.00	500.00	1,500.00	350.00	1,050.00	750.00	2,250.00
127	1	EA	Wash Rack Sign, W-200(xii)	500.00	500.00	500.00	500.00	280.00	280.00	1,000.00	1,000.00
128	3	EA	Parking Bollard, W-200(xiii)	350.00	1,050.00	500.00	1,500.00	550.00	1,650.00	1,250.00	3,750.00
129	2	EA	Accessibility Parking Sign and Post, W-200(xiv)	500.00	1,000.00	300.00	600.00	390.00	780.00	300.00	600.00
130	11	EA	PCC Wheel Stops, W-200(xv)	120.00	1,320.00	50.00	550.00	55.00	605.00	60.00	660.00
131	1	LS	Disinfection of Water Pipes, W-201	1,500.00	1,500.00	1,300.00	1,300.00	1,350.00	1,350.00	1,800.00	1,800.00
132	3	EA	Remove Existing Electrical Pullbox, L-101(i)	300.00	900.00	330.00	990.00	625.00	1,875.00	650.00	1,950.00
133	4	EA	Remove Existing Sign Foundation, L-101(ii)	500.00	2,000.00	600.00	2,400.00	1,300.00	5,200.00	1,000.00	4,000.00
134	28	EA	Adjust Existing Stem-mounted Edge Light to Proposed Grade, L-102	400.00	11,200.00	500.00	14,000.00	1,000.00	28,000.00	475.00	13,300.00
135	11	EA	L-852A TW Centerline Light - Semi-Flush, Bi-directional, Green/Green, L-103(i)	1,450.00	15,950.00	1,300.00	14,300.00	1,335.00	14,685.00	1,200.00	13,200.00
136	12	EA	L-852E TLOF Light - Semi-Flush, Omni-directional, Green L-103(ii)	1,450.00	17,400.00	1,300.00	15,600.00	1,335.00	16,020.00	1,200.00	14,400.00
137	6	EA	L-852T TW Edge Light - Semi-Flush, Omni-directional, blue L-103(iii)	1,450.00	8,700.00	1,600.00	9,600.00	1,335.00	8,010.00	1,600.00	9,600.00
138	5	EA	L-861 Landing Directional Light - Stem-mounted, Omni-directional, Yellow, L-103(iv)	700.00	3,500.00	700.00	3,500.00	950.00	4,750.00	690.00	3,450.00
139	1,980	LF	No. 4 AWG - 600 Volt, THHN Cable, Copper Wire (PAPI) L-108(i)	0.30	594.00	2.20	4,356.00	3.35	6,633.00	2.00	3,960.00
140	990	LF	No. 6 AWG - 600 Volt, THHN Cable, Copper Wire (PAPI) L-108(ii)	0.25	247.50	1.65	1,633.50	0.95	940.50	1.60	1,584.00
141	2,904	LF	No. 8 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport) L-108(iii)	0.20	580.80	1.65	4,791.60	0.75	2,178.00	1.50	4,356.00
142	17,193	LF	No. 12 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport), L-108(iv)	0.10	1,719.30	1.10	18,912.30	0.45	7,736.85	1.00	17,193.00

**CITY OF HAYWARD
AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005**

(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY				ENGINEER'S ESTIMATE		O'GRADY PAVING 2513 Wyandotte Road Mountain View CA 94043 650-966-1926 PHONE 650-966-1946 FAX		Top Grade Construction Inc. 50 Contractors Street Livermore CA 94551 925-449-5764 PHONE 925-449-5875 FAX		Granite Rock Company dba Pavex Construction Div 330 Blomquist Street Redwood City CA 94063 408-574-1400 PHONE 408-365-9548 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
143	1,166	LF	No. 16 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport), L-108(v)	0.08	93.28	1.10	1,282.60	0.60	699.60	1.00	1,166.00
144	150	LF	Double - 2 inch Sch 40 PVC Duct, 24" Deep, Concrete-Encased, L-110(i)	25.00	3,750.00	22.00	3,300.00	34.00	5,100.00	70.00	10,500.00
145	3,400	LF	Single - 2 inch Sch 40 PVC Duct, 24" Deep, L-110(ii)	13.00	44,200.00	20.00	68,000.00	23.00	78,200.00	19.00	64,600.00
146	460	LF	Single - 2 inch Sch 40 PVC Duct, 18" Deep, L-110(iii)	7.00	3,220.00	18.00	8,280.00	20.00	9,200.00	17.00	7,820.00
147	150	SF	Sawcut & Patch Pavement for Electrical Conduit Installation (PAPI), L-110(iv)	6.00	900.00	20.00	3,000.00	12.50	1,875.00	9.00	1,350.00
148	6	EA	Electrical Pullbox, L-114	2,000.00	12,000.00	4,000.00	24,000.00	3,600.00	21,600.00	3,700.00	22,200.00
149	1	EA	Rain Switch, L-116	500.00	500.00	3,300.00	3,300.00	3,000.00	3,000.00	690.00	690.00
150	1	LS	Precision Approach Path Indicator (4-LHA PAPI), L-126(i)	10,000.00	10,000.00	20,000.00	20,000.00	24,700.00	24,700.00	18,400.00	18,400.00
151	1	LS	PAPI Power and Control Unit, L-126(ii)	5,000.00	5,000.00	2,600.00	2,600.00	21,500.00	21,500.00	2,600.00	2,600.00
152	1	EA	Solenoid Valve, L-127	300.00	300.00	2,700.00	2,700.00	9,000.00	9,000.00	265.00	265.00
153	4	EA	Heliport Surface Flood Light, L-128	1,000.00	4,000.00	2,400.00	9,600.00	2,500.00	10,000.00	2,300.00	9,200.00
154	2	EA	Submersible Pump with Float Switch, L-129	1,000.00	2,000.00	3,800.00	7,600.00	3,900.00	7,800.00	2,500.00	5,000.00
155	1	LS	Heliport Panel & Supports, Lighting Contactors, Photo Electric Cell & Relay Box, L-130	1,200.00	1,200.00	4,000.00	4,000.00	4,100.00	4,100.00	4,000.00	4,000.00
156	1	Each	Vault Contactor/ Relay Box, L-131	250.00	250.00	1,100.00	1,100.00	1,100.00	1,100.00	1,100.00	1,100.00
157	1	Each	Constant Current Regulator, 10 KW, L-132	10,000.00	10,000.00	14,000.00	14,000.00	13,600.00	13,600.00	12,500.00	12,500.00
158	1	LS	Recycling Implementation, P-158	5,000.00	5,000.00	5,000.00	5,000.00	1,000.00	1,000.00	800.00	800.00
159	1	LS	Administrative Change Orders	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00
			TOTAL SCHEDULE B		1,311,973.47		1,849,877.50		1,857,351.65		1,800,049.80
			TOTAL BASE BID (SCH. A BASE BID+SCH. B)		3,209,966.68		4,144,827.02		4,295,008.18		4,318,754.90

CITY OF HAYWARD
AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005

(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY				ENGINEER'S ESTIMATE		Bay Cities Paving & Grading 5129 Forni Drive Concord CA 94520 925-687-6666 PHONE 925-689-2122 FAX		Granite Construction Co. P O BOX 50085 CITY ST ZIP 831-724-1011 PHONE 831-768-4021 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE A: AIP-12									
1	1	LS	Mobilization, P-100	80,000.00	80,000.00	275,000.00	275,000.00	275,000.00	275,000.00
2	1	LS	Field Surveys, P-101	40,000.00	40,000.00	73,500.00	73,500.00	95,000.00	95,000.00
3	12	ACRE	Clearing and Grubbing, P-151(i)	1,500.00	18,000.00	4,000.00	48,000.00	4,000.00	48,000.00
4	5,924	SY	AC Pavement Removal, P-151(ii)	3.50	20,734.00	2.65	15,698.60	4.00	23,696.00
5	80	LF	Existing Twin 12-inch Storm Drain RCP Removal, P-151(iii)	10.00	800.00	27.74	2,219.20	22.00	1,760.00
6 (F)	1,600	CY	Excavation and Embankment, P-152(i)	5.00	8,000.00	19.60	31,360.00	8.00	12,800.00
7	9,290	SY	Subgrade Preparation, P-152(ii)	2.00	18,580.00	1.65	15,328.50	3.00	27,870.00
8 (F)	2,900	CY	Surplus Excavated Material in Embankments, P-152(iii)	5.00	14,500.00	11.00	31,900.00	8.00	23,200.00
9 (F)	3,500	CY	Surplus Excavated Material in Stockpiles, P-152(iv)	4.00	14,000.00	8.45	29,575.00	8.00	28,000.00
10	2,448	CY	Subbase Course, P-154	15.00	36,720.00	36.30	88,862.40	52.00	127,296.00
11	1,338	CY	Crushed Aggregate Base Course, P-209	25.00	33,450.00	46.45	62,150.10	57.00	76,266.00
12	2,375	CY	Existing Shoulder Re-Grading with Granular Material, P-220(i)	30.00	71,250.00	58.80	139,650.00	47.00	111,625.00
13	19,847	SY	Fog Seal Granular Shoulder, P-220(ii)	0.50	9,923.50	0.93	18,457.71	0.20	3,969.40
14	433	CY	New Granular Shoulder, P-220(iii)	30.00	12,990.00	54.00	23,382.00	64.00	27,712.00
15	16,511	TN	Plant Mix Bituminous Concrete Pavements, P-401(i)	52.00	858,572.00	58.30	962,591.30	50.00	825,550.00
16	1	LS	Asphalt & Concrete Testing Laboratory, P-401(ii) (HALF OF TOTAL ITEM PRICE)	15,000.00	15,000.00	5,250.00	5,250.00	72,000.00	72,000.00
17	1	LS	Crack Treatment, P-401(iii)	6,000.00	6,000.00	10,500.00	10,500.00	31,500.00	31,500.00
18	15,758	GAL	Bituminous Tack Coat, P-603	3.00	47,274.00	2.85	44,910.30	0.01	157.58
19	1	LS	Temporary Runway Closure Markings, P-620(i) (HALF OF TOTAL ITEM PRICE)	900.00	900.00	1,140.00	1,140.00	3,500.00	3,500.00

**CITY OF HAYWARD
AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005**

(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY			ENGINEER'S ESTIMATE		Bay Cities Paving & Grading 5129 Forni Drive Concord CA 94520 925-687-6666 PHONE 925-689-2122 FAX		Granite Construction Co. P O BOX 50085 CITY ST ZIP 831-724-1011 PHONE 831-768-4021 FAX		
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
20	1	EA	Lighted "X" Runway Closure Markers, P-620(ii)	10,000.00	10,000.00	10,500.00	10,500.00	22,000.00	22,000.00
21	1	LS	Temporary Barricades, P-620(iii) (HALF OF TOTAL ITEM PRICE)	15,000.00	15,000.00	24,900.00	24,900.00	36,500.00	36,500.00
22	102,404	SF	Existing Pavement Marking Removal, P-620(iv)	0.80	81,923.20	0.45	46,081.80	1.00	102,404.00
23	14,373	SF	Temporary Marking Application & Removal, P-620(v)	1.50	21,559.50	2.10	30,183.30	3.00	43,119.00
24	109,219	SF	Permanent Pavement Markings - First Coat, P-620(vi)	0.50	54,609.50	0.20	21,843.80	1.50	163,828.50
25	109,219	SF	Permanent Pavement Markings - Second Coat, P-620(vii)	0.50	54,609.50	0.45	49,148.55	1.50	163,828.50
26	2,035	SY	Emulsified Asphalt Slurry Seal, P-626	10.00	20,350.00	2.85	5,799.75	5.00	10,175.00
27	224	LF	Redwood Header, P-630	2.29	512.96	6.30	1,411.20	9.00	2,016.00
28	12,449	SY	AC Pavement Cold Milling, P-650	2.75	34,234.75	3.30	41,081.70	2.20	27,387.80
29	14,772	SY	Hydroseeding, T-901	0.35	5,170.20	1.13	16,692.36	1.10	16,249.20
30	1	LS	SWPPP and Temporary Pollution Control Measures, W-100 (HALF OF TOTAL ITEM PRICE)	6,000.00	6,000.00	4,186.88	4,186.88	3,000.00	3,000.00
31	700	LF	Silt Fence, W-101(i)	10.00	7,000.00	6.30	4,410.00	3.00	2,100.00
32	20	LF	Sand Bags, W-101(i)	15.00	300.00	11.00	220.00	27.00	540.00
33	33	EA	Remove Existing Edge Light, Complete With Concrete Base L-101(i)	200.00	6,600.00	494.00	16,302.00	154.00	5,082.00
34	2,290	LF	Remove electrical conduit, L-101(ii)	3.00	6,870.00	35.00	80,150.00	2.20	5,038.00
35	4	EA	Ground Rods for Abandoned Wires in Place, L-101(iii)	100.00	400.00	220.00	880.00	116.00	464.00
36	1,690	LF	Remove PAPI power circuit cable, 600V (3/C Circuit Footage) L-101(iv)	1.00	1,690.00	0.65	1,098.50	2.20	3,718.00

CITY OF HAYWARD
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PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005
(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY				ENGINEER'S ESTIMATE		Bay Cities Paving & Grading 5129 Forni Drive Concord CA 94520 925-687-6666 PHONE 925-689-2122 FAX		Granite Construction Co. P O BOX 50085 CITY ST ZIP 831-724-1011 PHONE 831-768-4021 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
37	1	LS	Existing Wind Cone Assembly Removal, L-101(v)	1,000.00	1,000.00	1,050.00	1,050.00	2,750.00	2,750.00
38	4	EA	Adjust Existing Stem-Mounted Edge Light to Proposed Grade, L-102(i)	400.00	1,600.00	1,050.00	4,200.00	1,000.00	4,000.00
39	4	EA	Adjust Existing Semi-Flush End Light to Proposed Grade L-102(ii)	400.00	1,600.00	1,050.00	4,200.00	1,000.00	4,000.00
40	31	EA	L-861T Taxiway Edge Light - Stem Mounted, Omni-directional, Blue, L-103	700.00	21,700.00	1,000.00	31,000.00	1,000.00	31,000.00
41	8	EA	L-861E Runway End Light - Stem Mounted, Bi-directional, Red/Red, L-104(i)	750.00	6,000.00	1,000.00	8,000.00	950.00	7,600.00
42	6	EA	L-861 Runway Edge Light - Stem Mounted, Bi-directional, Yellow/Red, L-104(ii)	750.00	4,500.00	1,000.00	6,000.00	950.00	5,700.00
43	6	EA	L-850E Runway Threshold Light - Semi-flush, Uni-directional, Green, L-104(iii)	1,450.00	8,700.00	1,400.00	8,400.00	950.00	5,700.00
44	2	EA	L-850D Runway Edge/Threshold Light - Semi-flush, Bi-directional, Yellow/Green, L-104(iv)	1,450.00	2,900.00	1,400.00	2,800.00	1,335.00	2,670.00
45	3	EA	New Base for Runway End Light - Semi-flush, Red Lens (Re-use Fixture), L-104(v)	1,450.00	4,350.00	1,600.00	4,800.00	1,000.00	3,000.00
46	10	EA	Remove and Replace Runway Edge Light Lens - Yellow/Clear, L-104(vi)	200.00	2,000.00	147.00	1,470.00	1,500.00	15,000.00
47	7	EA	Junction Box, L-104(vii)	450.00	3,150.00	840.00	5,880.00	140.00	980.00
48	5,522	LF	No. 8 AWG - 5 kV, Copper Wire, L-107	1.00	5,522.00	0.90	4,969.80	0.85	4,693.70
49	11,572	LF	No. 4 AWG - 600 Volt, THHN Cable, Copper Wire, L-108(i)	0.30	3,471.60	1.55	17,936.60	1.45	16,779.40
50	5,786	LF	No. 6 AWG - 600 Volt, THHN Cable, Copper Wire, L-108(ii)	0.25	1,446.50	1.00	5,786.00	0.95	5,496.70
51	2,570	LF	Single - 2 inch Sch 40 PVC Duct, 18" Deep Minimum, L-110(i)	9.00	23,130.00	21.50	55,255.00	20.00	51,400.00

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BID SUMMARY				ENGINEER'S ESTIMATE		Bay Cities Paving & Grading 5129 Forni Drive Concord CA 94520 925-687-6666 PHONE 925-689-2122 FAX		Granite Construction Co. P O BOX 50085 CITY ST ZIP 831-724-1011 PHONE 831-768-4021 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
52	100	LF	Single - 2 inch Sch 40 PVC Duct, Concrete-Encased, 18" Deep Minimum, L-110(ii)	15.00	1,500.00	32.00	3,200.00	30.00	3,000.00
53	2	EA	Electrical Pullbox, L-114(i)	1,200.00	2,400.00	3,780.00	7,560.00	3,600.00	7,200.00
54	1	EA	Dewater Existing Pullbox and Add Gasket and Bolts, L-114(ii)	200.00	200.00	1,000.00	1,000.00	950.00	950.00
55	1	EA	Install Fiberglass Barrier Inside Existing Pullbox, L-114(iii)	200.00	200.00	1,050.00	1,050.00	1,000.00	1,000.00
56	1	EA	Small Pre-Cast Electrical Pullbox, L-114(iv)	200.00	200.00	840.00	840.00	800.00	800.00
57	1	EA	Airport Sign - 1 Module, Size 1, L-125(i)	2,300.00	2,300.00	4,410.00	4,410.00	4,200.00	4,200.00
58	1	EA	Airport Sign - 2 Module, Size 1, L-125(ii)	2,300.00	2,300.00	5,600.00	5,600.00	5,300.00	5,300.00
59	6	EA	Airport Sign - 1 Module, Size 4, L-125(iii)	4,000.00	24,000.00	7,500.00	45,000.00	7,100.00	42,600.00
60	1	EA	Relocate 1-Module Sign and Extend Concrete Footing L-125(iv)	1,500.00	1,500.00	5,000.00	5,000.00	5,000.00	5,000.00
61	1	EA	Relocate 2-Module Sign and Extend Concrete Footing L-125(v)	2,000.00	2,000.00	7,000.00	7,000.00	6,900.00	6,900.00
62	9	EA	New Sign Panels, L-125(vi)	200.00	1,800.00	700.00	6,300.00	700.00	6,300.00
63	1	LS	New Lighted Wind Cone Assembly, L-136	10,000.00	10,000.00	13,600.00	13,600.00	12,900.00	12,900.00
64	1	LS	Recycling Implementation, P-158	5,000.00	5,000.00	15,750.00	15,750.00	1.00	1.00
65	1	LS	Administrative Change Orders	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00
TOTAL SCHEDULE A				1,897,993.21		2,632,422.35		2,799,272.78	
SCHEDULE A: AIP-12 BID ADDITIVE ALTERNATIVE 1									
66	1	LS	Phase 2 Construction in 10 consecutive calendar days (with Night Work) P-100-alt-1	100,000.00	100,000.00	119,000.00	119,000.00	50,000.00	50,000.00
SCHEDULE A BASE BID + BID ADDITIVE ALTERNATIVE 1				1,997,993.21		2,751,422.35		2,849,272.78	

**CITY OF HAYWARD
 AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE B: AIP-13									
67	1	LS	Mobilization, P-100	56,000.00	56,000.00	125,000.00	125,000.00	200,000.00	200,000.00
68	1	LS	Field Surveys, P-101	30,000.00	30,000.00	47,775.00	47,775.00	50,000.00	50,000.00
69	4	ACRE	Clearing and Grubbing, P-151(i)	1,500.00	6,000.00	4,500.00	18,000.00	1,300.00	5,200.00
70	7,379	SY	AC Pavement Removal, P-151(ii)	6.00	44,274.00	3.35	24,719.65	4.00	29,516.00
71	194	LF	Curb and Gutter Removal, P-151(iii)	5.00	970.00	13.70	2,657.80	2.00	388.00
72	1	LS	Storm Drain Facility Removal, P-151 (iv)	1,500.00	1,500.00	1,233.00	1,233.00	2,000.00	2,000.00
73	5	EA	Tree Removal, P-151 (v)	250.00	1,250.00	210.00	1,050.00	650.00	3,250.00
74	10,755	SY	Subgrade Preparation, P-152 (ii)	2.00	21,510.00	1.60	17,208.00	1.00	10,755.00
75	3,600	CY	Surplus Excavated Material in Embankments, P-152(iii)	5.00	18,000.00	13.40	48,240.00	8.00	28,800.00
76	1,268	CY	Subbase Course, P-154	20.00	25,360.00	42.00	53,256.00	52.00	65,936.00
77	4,047	SY	Engineering Fabric (Geogrid) over Subgrade, P-159	2.00	8,094.00	1.05	4,249.35	10.00	40,470.00
78	1,636	CY	Crushed Aggregate Base Course, P-209	25.00	40,900.00	55.10	90,143.60	57.00	93,252.00
79	714	CY	Existing Shoulder Re-Grading with Granular Material, P-220(i)	30.00	21,420.00	60.40	43,125.60	46.00	32,844.00
80	8,570	SY	Fog Seal Granular Shoulder, P-220(ii)	0.50	4,285.00	0.93	7,970.10	0.30	2,571.00
81	6,316	TN	Plant Mix Bituminous Concrete Pavements, P-401(i)	54.00	341,064.00	58.35	368,538.60	50.00	315,800.00
82	1	LS	Asphalt & Concrete Testing Laboratory, P-401 (ii) (HALF OF TOTAL ITEM PRICE)	5,000.00	5,000.00	5,250.00	5,250.00	40,700.00	40,700.00
83	1	LS	Crack Treatment, P-401 (iii)	6,700.00	6,700.00	5,250.00	5,250.00	16,800.00	16,800.00
84		TN	DELETED		0.00		0.00		0.00
85	4,934	SY	Portland Cement Concrete Pavement - 8 Inch, P-501(i)	35.00	172,690.00	74.00	365,116.00	71.00	350,314.00
86	750	LF	6" PCC Curb & Gutter, P-502(i)	25.00	18,750.00	42.00	31,500.00	35.00	26,250.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
87	215	LF	6" PCC Island Curb, P-502(ii)	20.00	4,300.00	37.00	7,955.00	33.00	7,095.00
88	135	LF	4' Wide PCC V-Gutter, P-502(iii)	20.00	2,700.00	86.00	11,610.00	62.00	8,370.00
89	5,200	GAL	Bituminous Tack Coat, P-603	3.00	15,600.00	2.85	14,820.00	0.01	52.00
90	1	LS	Temporary Runway Closure Markings, P-620(i) (HALF OF TOTAL ITEM PRICE)	500.00	500.00	1,140.00	1,140.00	1,350.00	1,350.00
91	1	EA	Lighted "X" Runway Closure Markers, P-620(ii)	10,000.00	10,000.00	10,500.00	10,500.00	22,100.00	22,100.00
92	1	LS	Temporary Barricades, P-620(iii) (HALF OF TOTAL ITEM PRICE)	15,000.00	15,000.00	24,900.00	24,900.00	36,400.00	36,400.00
93	20,000	SF	Existing Pavement Marking Removal, P-620(iv)	0.80	16,000.00	0.45	9,000.00	1.00	20,000.00
94	40,830	SF	Permanent Pavement Markings - First Coat, P-620(v)	0.50	20,415.00	0.20	8,166.00	1.25	51,037.50
95	34,650	SF	Permanent Pavement Markings - Second Coat, P-620(vi)	0.50	17,325.00	0.45	15,592.50	1.25	43,312.50
96	4,355	SY	AC Pavement Cold Milling, P-650	2.75	11,976.25	3.60	15,678.00	2.75	11,976.25
97	255	LF	12" PVC Storm Drain Line, D-701	40.00	10,200.00	47.00	11,985.00	61.80	15,759.00
98	75	LF	12" Wide Trench Drain (Helipad), D-751(i)	120.00	9,000.00	394.00	29,550.00	275.00	20,625.00
99	1	EA	Storm Drain Inlet Type "D", D-751(ii)	4,000.00	4,000.00	3,675.00	3,675.00	2,420.00	2,420.00
100	1	EA	Storm Water Drain Inlet, D-751(iii)	5,000.00	5,000.00	3,675.00	3,675.00	2,750.00	2,750.00
101	3	EA	Manhole Frame, Cover & Pan, D-751(iv)	400.00	1,200.00	2,625.00	7,875.00	440.00	1,320.00
102	1	EA	Oil Water Separator, 550 Gallon Capacity, 55 GPM Flow Rate, D-760	14,000.00	14,000.00	15,020.00	15,020.00	30,000.00	30,000.00
103	6	LF	2" HDPE Pressure Sewer Pipe & Fittings, D-770(i)	15.00	90.00	315.00	1,890.00	100.00	600.00
104	455	LF	2.5" HDPE Pressure Sewer Pipe & Fittings, D-770(ii)	15.00	6,825.00	43.00	19,565.00	51.00	23,205.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
105	1	LS	Pressure and Leakage Tests of Sewer Pipes, D-770(iii)	1,500.00	1,500.00	1,050.00	1,050.00	815.00	815.00
106	1	EA	Connect New 2.5" HDPE Pressure Sewer to Existing Manhole, D-770(iv)	500.00	500.00	525.00	525.00	3,850.00	3,850.00
107	1	EA	Fiberglass Pump Basin, D-770(v)	5,000.00	5,000.00	2,100.00	2,100.00	3,020.00	3,020.00
108	1	EA	1" Air Release Valve, D-770(vi)	300.00	300.00	263.00	263.00	497.00	497.00
109	2	EA	Gate Valve, D-770(vii)	300.00	600.00	158.00	316.00	497.00	994.00
110	2	EA	Check Valve, D-770(viii)	300.00	600.00	158.00	316.00	497.00	994.00
111	9,158	SY	Hydroseeding, T-901	0.73	6,685.34	1.13	10,348.54	1.25	11,447.50
112	1	LS	SWPPP and Temporary Pollution Control Measures, W-100 (HALF OF TOTAL ITEM PRICE)	6,000.00	6,000.00	4,186.88	4,186.88	3,400.00	3,400.00
113	2,160	LF	Silt Fence, W-101(i)	10.00	21,600.00	6.30	13,608.00	3.50	7,560.00
114	285	LF	Sand Bags, W-101(ii)	15.00	4,275.00	11.00	3,135.00	28.00	7,980.00
115	2	EA	Storm Drain Inlet Protection, W-101(iii)	200.00	400.00	420.00	840.00	1.00	2.00
116	605	LF	2" HDPE Water Line & Fittings, W-200(i)	15.00	9,075.00	42.00	25,410.00	46.00	27,830.00
117	1	LS	Pressure and Leakage Tests of Water Pipes, W-200(ii)	1,500.00	1,500.00	1,050.00	1,050.00	825.00	825.00
118	1	EA	Connect New 2" HDPE Water to Existing Water Valve W-200(iii)	100.00	100.00	525.00	525.00	1,380.00	1,380.00
119	1	EA	2" Water Gate Valve with Valve Box, W-200(iv)	300.00	300.00	368.00	368.00	500.00	500.00
120	1	EA	2" Water Service Connection, incl. City Installation & Connection Fees, W-200(v)	2,000.00	2,000.00	15,750.00	15,750.00	1,000.00	1,000.00
121	6	EA	PCC Thrust Blocks, W-200(vi)	10.00	60.00	525.00	3,150.00	350.00	2,100.00
122	1	EA	Backflow Preventer, W-200(vii)	800.00	800.00	1,575.00	1,575.00	500.00	500.00
123	1	EA	Hose Bib, W-200(viii)	200.00	200.00	105.00	105.00	600.00	600.00
124	2	EA	Work Table and Seats, W-200(ix)	4,000.00	8,000.00	2,625.00	5,250.00	2,500.00	5,000.00
125	3	EA	Dry Chemical Fire Extinguisher, W-200(x)	135.00	405.00	315.00	945.00	1,600.00	4,800.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
126	3	EA	Fire Extinguishers Cabinets on PCC Footing, W-200(xi)	1,200.00	3,600.00	893.00	2,679.00	2,000.00	6,000.00
127	1	EA	Wash Rack Sign, W-200(xii)	500.00	500.00	525.00	525.00	450.00	450.00
128	3	EA	Parking Bollard, W-200(xiii)	350.00	1,050.00	525.00	1,575.00	200.00	600.00
129	2	EA	Accessibility Parking Sign and Post, W-200(xiv)	500.00	1,000.00	148.00	296.00	300.00	600.00
130	11	EA	PCC Wheel Stops, W-200(xv)	120.00	1,320.00	63.00	693.00	45.00	495.00
131	1	LS	Disinfection of Water Pipes, W-201	1,500.00	1,500.00	1,575.00	1,575.00	1,500.00	1,500.00
132	3	EA	Remove Existing Electrical Pullbox, L-101(i)	300.00	900.00	656.00	1,968.00	625.00	1,875.00
133	4	EA	Remove Existing Sign Foundation, L-101(ii)	500.00	2,000.00	1,355.00	5,420.00	1,300.00	5,200.00
134	28	EA	Adjust Existing Stem-mounted Edge Light to Proposed Grade, L-102	400.00	11,200.00	1,050.00	29,400.00	1,000.00	28,000.00
135	11	EA	L-852A TW Centerline Light - Semi-Flush, Bi-directional, Green/Green, L-103(i)	1,450.00	15,950.00	1,400.00	15,400.00	1,335.00	14,685.00
136	12	EA	L-852E TLOF Light - Semi-Flush, Omni-directional, Green L-103(ii)	1,450.00	17,400.00	1,400.00	16,800.00	1,335.00	16,020.00
137	6	EA	L-852T TW Edge Light - Semi-Flush, Omni-directional, blue L-103(iii)	1,450.00	8,700.00	1,400.00	8,400.00	1,335.00	8,010.00
138	5	EA	L-861 Landing Directional Light - Stem-mounted, Omni-directional, Yellow, L-103(iv)	700.00	3,500.00	1,000.00	5,000.00	950.00	4,750.00
139	1,980	LF	No. 4 AWG - 600 Volt, THHN Cable, Copper Wire (PAPI) L-108(i)	0.30	594.00	1.50	2,970.00	1.00	1,980.00
140	990	LF	No. 6 AWG - 600 Volt, THHN Cable, Copper Wire (PAPI) L-108(ii)	0.25	247.50	1.00	990.00	0.75	742.50
141	2,904	LF	No. 8 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport) L-108(iii)	0.20	580.80	0.80	2,323.20	0.50	1,452.00
142	17,193	LF	No. 12 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport), L-108(iv)	0.10	1,719.30	0.50	8,596.50	1.00	17,193.00

CITY OF HAYWARD
AIRPORT IMPROVEMENT PROJECTS AIP-12 & AIP-13
PROJECT NO. 6818, 6821, 6830, 6833, 6839, 6841, & 6842
BIDS OPENED: MAY 31, 2005
(NUMBER OF BIDS RECEIVED -- FIVE)

BID SUMMARY				ENGINEER'S ESTIMATE		Bay Cities Paving & Grading 5129 Forni Drive Concord CA 94520 925-687-6666 PHONE 925-689-2122 FAX		Granite Construction Co. P O BOX 50085 CITY ST ZIP 831-724-1011 PHONE 831-768-4021 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
143	1,166	LF	No. 16 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport), L-108(v)	0.08	93.28	0.65	757.90	1.00	1,166.00
144	150	LF	Double - 2 inch Sch 40 PVC Duct, 24" Deep, Concrete-Encased, L-110(i)	25.00	3,750.00	35.70	5,355.00	20.00	3,000.00
145	3,400	LF	Single - 2 inch Sch 40 PVC Duct, 24" Deep, L-110(ii)	13.00	44,200.00	24.15	82,110.00	18.00	61,200.00
146	460	LF	Single - 2 inch Sch 40 PVC Duct, 18" Deep, L-110(iii)	7.00	3,220.00	21.00	9,660.00	16.00	7,360.00
147	150	SF	Sawcut & Patch Pavement for Electrical Conduit Installation (PAPI), L-110(iv)	6.00	900.00	13.25	1,987.50	20.00	3,000.00
148	6	EA	Electrical Pullbox, L-114	2,000.00	12,000.00	3,780.00	22,680.00	3,500.00	21,000.00
149	1	EA	Rain Switch, L-116	500.00	500.00	913.00	913.00	650.00	650.00
150	1	LS	Precision Approach Path Indicator (4-LHA PAPI), L-126(i)	10,000.00	10,000.00	26,000.00	26,000.00	17,300.00	17,300.00
151	1	LS	PAPI Power and Control Unit, L-126(ii)	5,000.00	5,000.00	23,000.00	23,000.00	2,400.00	2,400.00
152	1	EA	Solenoid Valve, L-127	300.00	300.00	5,000.00	5,000.00	250.00	250.00
153	4	EA	Heliport Surface Flood Light, L-128	1,000.00	4,000.00	1,100.00	4,400.00	2,200.00	8,800.00
154	2	EA	Submersible Pump with Float Switch, L-129	1,000.00	2,000.00	10,500.00	21,000.00	850.00	1,700.00
155	1	LS	Heliport Panel & Supports, Lighting Contactors, Photo Electric Cell & Relay Box, L-130	1,200.00	1,200.00	9,450.00	9,450.00	3,680.00	3,680.00
156	1	Each	Vault Contactor/ Relay Box, L-131	250.00	250.00	3,570.00	3,570.00	975.00	975.00
157	1	Each	Constant Current Regulator, 10 KW, L-132	10,000.00	10,000.00	10,000.00	10,000.00	1,220.00	1,220.00
158	1	LS	Recycling Implementation, P-158	5,000.00	5,000.00	15,750.00	15,750.00	1.00	1.00
159	1	LS	Administrative Change Orders	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00
			TOTAL SCHEDULE B		1,311,973.47		1,989,939.72		2,021,567.25
			TOTAL BASE BID (SCH. A BASE BID+SCH. B)		3,209,966.68		4,622,362.07		4,820,840.03

Exhibit C

BID SUMMARY				PROJECT AS ADVERTISED		TRANSIENT HELIPAD (DEDUCTED)		PROPOSED PROJECT	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	QTY	TOTAL	QTY	TOTAL
SCHEDULE A: AIP-12									
1	1	LS	Mobilization, P-100	150,000.00	150,000.00	0	0.00	1	150,000.00
2	1	LS	Field Surveys, P-101	80,000.00	80,000.00	0	0.00	1	80,000.00
3	12	ACRE	Clearing and Grubbing, P-151(i)	4,166.67	50,000.04	0	0.00	12	50,000.04
4	5,924	SY	AC Pavement Removal, P-151(ii)	4.00	23,696.00	0	0.00	5924	23,696.00
5	80	LF	Existing Twin 12-inch Storm Drain RCP Removal, P-151(iii)	50.00	4,000.00	0	0.00	80	4,000.00
6 (F)	1,600	CY	Excavation and Embankment, P-152(i)	20.00	32,000.00	0	0.00	1600	32,000.00
7	9,290	SY	Subgrade Preparation, P-152(ii)	4.00	37,160.00	0	0.00	9290	37,160.00
8 (F)	2,900	CY	Surplus Excavated Material in Embankments, P-152(iii)	6.00	17,400.00	0	0.00	2900	17,400.00
9 (F)	3,500	CY	Surplus Excavated Material in Stockpiles, P-152(iv)	5.00	17,500.00	0	0.00	3500	17,500.00
10	2,448	CY	Subbase Course, P-154	34.00	83,232.00	0	0.00	2448	83,232.00
11	1,338	CY	Crushed Aggregate Base Course, P-209	38.00	50,844.00	0	0.00	1338	50,844.00
12	2,375	CY	Existing Shoulder Re-Grading with Granular Material, P-220(i)	40.00	95,000.00	0	0.00	2375	95,000.00
13	19,847	SY	Fog Seal Granular Shoulder, P-220(ii)	0.30	5,954.10	0	0.00	19847	5,954.10
14	433	CY	New Granular Shoulder, P-220(iii)	40.00	17,320.00	0	0.00	433	17,320.00
15	16,511	TN	Plant Mix Bituminous Concrete Pavements, P-401(i)	56.00	924,616.00	0	0.00	16511	924,616.00
16	1	LS	Asphalt & Concrete Testing Laboratory, P-401(ii) (HALF OF TOTAL ITEM PRICE)	50,000.00	50,000.00	0	0.00	1	50,000.00
17	1	LS	Crack Treatment, P-401(iii)	10,000.00	10,000.00	0	0.00	1	10,000.00
18	15,758	GAL	Bituminous Tack Coat, P-603	3.00	47,274.00	0	0.00	15758	47,274.00
19	1	LS	Temporary Runway Closure Markings, P-620(i) (HALF OF TOTAL ITEM PRICE)	10,000.00	10,000.00	0	0.00	1	10,000.00
20	1	EA	Lighted "X" Runway Closure Markers, P-620(ii)	10,000.00	10,000.00	0	0.00	1	10,000.00
21	1	LS	Temporary Barricades, P-620(iii) (HALF OF TOTAL ITEM PRICE)	10,000.00	10,000.00	0	0.00	1	10,000.00
22	102,404	SF	Existing Pavement Marking Removal, P-620(iv)	0.45	46,081.80	0	0.00	102404	46,081.80
23	14,373	SF	Temporary Marking Application & Removal, P-620(v)	2.20	31,620.60	0	0.00	14373	31,620.60
24	109,219	SF	Permanent Pavement Markings - First Coat, P-620(vi)	0.22	24,028.18	0	0.00	109219	24,028.18
25	109,219	SF	Permanent Pavement Markings - Second Coat, P-620(vii)	0.45	49,148.55	0	0.00	109219	49,148.55
26	2,035	SY	Emulsified Asphalt Slurry Seal, P-626	15.00	30,525.00	0	0.00	2035	30,525.00
27	224	LF	Redwood Header, P-630	10.00	2,240.00	0	0.00	224	2,240.00
28	12,449	SY	AC Pavement Cold Milling, P-650	1.25	15,561.25	0	0.00	12449	15,561.25
29	14,772	SY	Hydroseeding, T-901	1.20	17,726.40	0	0.00	14772	17,726.40

BID SUMMARY				PROJECT AS ADVERTISED		TRANSIENT HELIPAD (DEDUCTED)		PROPOSED PROJECT	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	QTY	TOTAL	QTY	TOTAL
30	1	LS	SWPPP and Temporary Pollution Control Measures, W-100 (HALF OF TOTAL ITEM PRICE)	5,000.00	5,000.00	0	0.00	1	5,000.00
31	700	LF	Silt Fence, W-101(i)	5.00	3,500.00	0	0.00	700	3,500.00
32	20	LF	Sand Bags, W-101(i)	100.00	2,000.00	0	0.00	20	2,000.00
33	33	EA	Remove Existing Edge Light, Complete With Concrete Base L-101(i)	330.00	10,890.00	0	0.00	33	10,890.00
34	2,290	LF	Remove electrical conduit, L-101(ii)	4.00	9,160.00	0	0.00	2290	9,160.00
35	4	EA	Ground Rods for Abandoned Wires in Place, L-101(iii)	220.00	880.00	0	0.00	4	880.00
36	1,690	LF	Remove PAPI power circuit cable, 600V (3/C Circuit Footage) L-101(iv)	1.10	1,859.00	0	0.00	1690	1,859.00
37	1	LS	Existing Wind Cone Assembly Removal, L-101(v)	1,000.00	1,000.00	0	0.00	1	1,000.00
38	4	EA	Adjust Existing Stem-Mounted Edge Light to Proposed Grade, L-102(i)	350.00	1,400.00	0	0.00	4	1,400.00
39	4	EA	Adjust Existing Semi-Flush End Light to Proposed Grade L-102(ii)	1,000.00	4,000.00	0	0.00	4	4,000.00
40	31	EA	L-861T Taxiway Edge Light - Stem Mounted, Omni-directional, Blue, L-103	700.00	21,700.00	0	0.00	31	21,700.00
41	8	EA	L-861E Runway End Light - Stem Mounted, Bi-directional, Red/Red, L-104(i)	900.00	7,200.00	0	0.00	8	7,200.00
42	6	EA	L-861 Runway Edge Light - Stem Mounted, Bi-directional, Yellow/Red, L-104(ii)	900.00	5,400.00	0	0.00	6	5,400.00
43	6	EA	L-850E Runway Threshold Light - Semi-flush, Uni-directional, Green, L-104(iii)	1,600.00	9,600.00	0	0.00	6	9,600.00
44	2	EA	L-850D Runway Edge/Threshold Light - Semi-flush, Bi-directional, Yellow/Green, L-104(iv)	2,000.00	4,000.00	0	0.00	2	4,000.00
45	3	EA	New Base for Runway End Light - Semi-flush, Red Lens (Re-use Fixture), L-104(v)	700.00	2,100.00	0	0.00	3	2,100.00
46	10	EA	Remove and Replace Runway Edge Light Lens - Yellow/Clear, L-104(vi)	110.00	1,100.00	0	0.00	10	1,100.00
47	7	EA	Junction Box, L-104(vii)	800.00	5,600.00	0	0.00	7	5,600.00
48	5,522	LF	No. 8 AWG - 5 kV, Copper Wire, L-107	1.30	7,178.60	0	0.00	5522	7,178.60
49	11,572	LF	No. 4 AWG - 600 Volt, THHN Cable, Copper Wire, L-108(i)	1.40	16,200.80	0	0.00	11572	16,200.80
50	5,786	LF	No. 6 AWG - 600 Volt, THHN Cable, Copper Wire, L-108(ii)	1.20	6,943.20	0	0.00	5786	6,943.20
51	2,570	LF	Single - 2 inch Sch 40 PVC Duct, 18" Deep Minimum, L-110(i)	13.00	33,410.00	0	0.00	2570	33,410.00
52	100	LF	Single - 2 inch Sch 40 PVC Duct, Concrete-Encased, 18" Deep Minimum, L-110(ii)	18.00	1,800.00	0	0.00	100	1,800.00
53	2	EA	Electrical Pullbox, L-114(i)	3,500.00	7,000.00	0	0.00	2	7,000.00

BID SUMMARY				PROJECT AS ADVERTISED		TRANSIENT HELIPAD (DEDUCTED)		PROPOSED PROJECT	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	QTY	TOTAL	QTY	TOTAL
54	1	EA	Dewater Existing Pullbox and Add Gasket and Bolts, L-114(ii)	900.00	900.00	0	0.00	1	900.00
55	1	EA	Install Fiberglass Barrier Inside Existing Pullbox, L-114(iii)	1,300.00	1,300.00	0	0.00	1	1,300.00
56	1	EA	Small Pre-Cast Electrical Pullbox, L-114(iv)	900.00	900.00	0	0.00	1	900.00
57	1	EA	Airport Sign - 1 Module, Size 1, L-125(i)	3,000.00	3,000.00	0	0.00	1	3,000.00
58	1	EA	Airport Sign - 2 Module, Size 1, L-125(ii)	4,000.00	4,000.00	0	0.00	1	4,000.00
59	6	EA	Airport Sign - 1 Module, Size 4, L-125(iii)	6,000.00	36,000.00	0	0.00	6	36,000.00
60	1	EA	Relocate 1-Module Sign and Extend Concrete Footing L-125(iv)	1,500.00	1,500.00	0	0.00	1	1,500.00
61	1	EA	Relocate 2-Module Sign and Extend Concrete Footing L-125(v)	2,000.00	2,000.00	0	0.00	1	2,000.00
62	9	EA	New Sign Panels, L-125(vi)	700.00	6,300.00	0	0.00	9	6,300.00
63	1	LS	New Lighted Wind Cone Assembly, L-136	5,200.00	5,200.00	0	0.00	1	5,200.00
64	1	LS	Recycling Implementation, P-158	2,000.00	2,000.00	0	0.00	1	2,000.00
65	1	LS	Administrative Change Orders	120,000.00	120,000.00	0	0.00	1	120,000.00
TOTAL SCHEDULE A				2,294,949.52		0.00		2,294,949.52	
SCHEDULE A: AIP-12 BID ADDITIVE ALTERNATIVE 1									
66	1	LS	Phase 2 Construction in 10 consecutive calendar days (with Night Work), P-100-alt-1	100,000.00	100,000.00	1	100,000.00	0	0.00
SCHEDULE A BASE BID + BID ADDITIVE ALTERNATIVE 1				2,394,949.52		100,000.00		0.00	
SCHEDULE B: AIP-13									
67	1	LS	Mobilization, P-100	70,000.00	70,000.00	0.3571	25,000.00	0.64286	45,000.00
68	1	LS	Field Surveys, P-101	40,000.00	40,000.00	0.25	10,000.00	0.75	30,000.00
69	4	ACRE	Clearing and Grubbing, P-151(i)	5,000.00	20,000.00	2	10,000.00	2	10,000.00
70	7,379	SY	AC Pavement Removal, P-151(ii)	3.00	22,137.00	6724	20,172.00	655	1,965.00
71	194	LF	Curb and Gutter Removal, P-151(iii)	15.00	2,910.00	194	2,910.00	0	0.00
72	1	LS	Storm Drain Facility Removal, P-151 (iv)	10,000.00	10,000.00	1	10,000.00	0	0.00
73	5	EA	Tree Removal, P-151 (v)	1,000.00	5,000.00	5	5,000.00	0	0.00
74	10,755	SY	Subgrade Preparation, P-152 (ii)	4.00	43,020.00	10100	40,400.00	655	2,620.00
75	3,600	CY	Surplus Excavated Material in Embankments, P-152(iii)	6.00	21,600.00	3200	19,200.00	400	2,400.00
76	1,268	CY	Subbase Course, P-154	34.00	43,112.00	1068	36,312.00	200	6,800.00
77	4,047	SY	Engineering Fabric (Geogrid) over Subgrade, P-159	8.00	32,376.00	4047	32,376.00	0	0.00
78	1,636	CY	Crushed Aggregate Base Course, P-209	38.00	62,168.00	1527	58,026.00	109	4,142.00

BID SUMMARY				PROJECT AS ADVERTISED		TRANSIENT HELIPAD (DEDUCTED)		PROPOSED PROJECT	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	QTY	TOTAL	QTY	TOTAL
79	714	CY	Existing Shoulder Re-Grading with Granular Material, P-220(i)	40.00	28,560.00	0	0.00	714	28,560.00
80	8,570	SY	Fog Seal Granular Shoulder, P-220(ii)	0.50	4,285.00	0	0.00	8570	4,285.00
81	6,316	TN	Plant Mix Bituminous Concrete Pavements, P-401(i)	60.00	378,960.00	921	55,260.00	5395	323,700.00
82	1	LS	Asphalt & Concrete Testing Laboratory, P-401 (ii) (HALF OF TOTAL ITEM PRICE)	50,000.00	50,000.00	0.16	8,000.00	0.84	42,000.00
83	1	LS	Crack Treatment, P-401 (iii)	10,000.00	10,000.00	0	0.00	1	10,000.00
84		TN	DELETED			0	0.00	0	0.00
85	4,934	SY	Portland Cement Concrete Pavement - 8 Inch, P-501(i)	75.00	370,050.00	4934	370,050.00	0	0.00
86	750	LF	6" PCC Curb & Gutter, P-502(i)	22.00	16,500.00	750	16,500.00	0	0.00
87	215	LF	6" PCC Island Curb, P-502(ii)	20.00	4,300.00	215	4,300.00	0	0.00
88	135	LF	4' Wide PCC V-Gutter, P-502(iii)	30.00	4,050.00	135	4,050.00	0	0.00
89	5,200	GAL	Bituminous Tack Coat, P-603	3.00	15,600.00	100	300.00	5100	15,300.00
90	1	LS	Temporary Runway Closure Markings, P-620(i) (HALF OF TOTAL ITEM PRICE)	10,000.00	10,000.00	0	0.00	1	10,000.00
91	1	EA	Lighted "X" Runway Closure Markers, P-620(ii)	10,000.00	10,000.00	0	0.00	1	10,000.00
92	1	LS	Temporary Barricades, P-620(iii) (HALF OF TOTAL ITEM PRICE)	10,000.00	10,000.00	0.33	3,300.00	0.67	6,700.00
93	20,000	SF	Existing Pavement Marking Removal, P-620(iv)	0.45	9,000.00	0	0.00	20000	9,000.00
94	40,830	SF	Permanent Pavement Markings - First Coat, P-620(v)	0.22	8,982.60	8230	1,810.60	32600	7,172.00
95	34,650	SF	Permanent Pavement Markings - Second Coat, P-620(vi)	0.45	15,592.50	2350	1,057.50	32300	14,535.00
96	4,355	SY	AC Pavement Cold Milling, P-650	1.60	6,968.00	0	0.00	4355	6,968.00
97	255	LF	12" PVC Storm Drain Line, D-701	70.00	17,850.00	255	17,850.00	0	0.00
98	75	LF	12" Wide Trench Drain (Helipad), D-751(i)	400.00	30,000.00	75	30,000.00	0	0.00
99	1	EA	Storm Drain Inlet Type "D", D-751(ii)	4,000.00	4,000.00	1	4,000.00	0	0.00
100	1	EA	Storm Water Drain Inlet, D-751(iii)	4,000.00	4,000.00	1	4,000.00	0	0.00
101	3	EA	Manhole Frame, Cover & Pan, D-751(iv)	600.00	1,800.00	3	1,800.00	0	0.00
102	1	EA	Oil Water Separator, 550 Gallon Capacity, 55 GPM Flow Rate, D-760	17,000.00	17,000.00	1	17,000.00	0	0.00
103	6	LF	2" HDPE Pressure Sewer Pipe & Fittings, D-770(i)	45.00	270.00	6	270.00	0	0.00
104	455	LF	2.5" HDPE Pressure Sewer Pipe & Fittings, D-770(ii)	22.00	10,010.00	455	10,010.00	0	0.00
105	1	LS	Pressure and Leakage Tests of Sewer Pipes, D-770(iii)	3,000.00	3,000.00	1	3,000.00	0	0.00
106	1	EA	Connect New 2.5" HDPE Pressure Sewer to Existing Manhole, D-770(iv)	1,300.00	1,300.00	1	1,300.00	0	0.00
107	1	EA	Fiberglass Pump Basin, D-770(v)	12,000.00	12,000.00	1	12,000.00	0	0.00

BID SUMMARY				PROJECT AS ADVERTISED		TRANSIENT HELIPAD (DEDUCTED)		PROPOSED PROJECT	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	QTY	TOTAL	QTY	TOTAL
108	1	EA	1" Air Release Valve, D-770(vi)	3,300.00	3,300.00	1	3,300.00	0	0.00
109	2	EA	Gate Valve, D-770(vii)	300.00	600.00	2	600.00	0	0.00
110	2	EA	Check Valve, D-770(viii)	1,100.00	2,200.00	2	2,200.00	0	0.00
111	9,158	SY	Hydroseeding, T-901	1.30	11,905.40	9158	11,905.40	0	0.00
112	1	LS	SWPPP and Temporary Pollution Control Measures, W-100 (HALF OF TOTAL ITEM PRICE)	5,000.00	5,000.00	1	5,000.00	0	0.00
113	2,160	LF	Silt Fence, W-101(i)	5.00	10,800.00	2160	10,800.00	0	0.00
114	285	LF	Sand Bags, W-101(ii)	10.00	2,850.00	285	2,850.00	0	0.00
115	2	EA	Storm Drain Inlet Protection, W-101(iii)	2,000.00	4,000.00	2	4,000.00	0	0.00
116	605	LF	2" HDPE Water Line & Fittings, W-200(i)	18.00	10,890.00	605	10,890.00	0	0.00
117	1	LS	Pressure and Leakage Tests of Water Pipes, W-200(ii)	2,600.00	2,600.00	1	2,600.00	0	0.00
118	1	EA	Connect New 2" HDPE Water to Existing Water Valve W-200(iii)	1,300.00	1,300.00	1	1,300.00	0	0.00
119	1	EA	2" Water Gate Valve with Valve Box, W-200(iv)	165.00	165.00	1	165.00	0	0.00
120	1	EA	2" Water Service Connection, incl.City Installation & Connection Fees, W-200(v)	1,400.00	1,400.00	1	1,400.00	0	0.00
121	6	EA	PCC Thrust Blocks, W-200(vi)	110.00	660.00	6	660.00	0	0.00
122	1	EA	Backflow Preventer, W-200(vii)	1,000.00	1,000.00	1	1,000.00	0	0.00
123	1	EA	Hose Bib, W-200(viii)	110.00	110.00	1	110.00	0	0.00
124	2	EA	Work Table and Seats, W-200(ix)	5,000.00	10,000.00	2	10,000.00	0	0.00
125	3	EA	Dry Chemical Fire Extinguisher, W-200(x)	300.00	900.00	3	900.00	0	0.00
126	3	EA	Fire Extinguishers Cabinets on PCC Footing, W-200(xi)	500.00	1,500.00	3	1,500.00	0	0.00
127	1	EA	Wash Rack Sign, W-200(xii)	500.00	500.00	1	500.00	0	0.00
128	3	EA	Parking Bollard, W-200(xiii)	500.00	1,500.00	3	1,500.00	0	0.00
129	2	EA	Accessibility Parking Sign and Post, W-200(xiv)	300.00	600.00	2	600.00	0	0.00
130	11	EA	PCC Wheel Stops, W-200(xv)	50.00	550.00	11	550.00	0	0.00
131	1	LS	Disinfection of Water Pipes, W-201	1,300.00	1,300.00	1	1,300.00	0	0.00
132	3	EA	Remove Existing Electrical Pullbox, L-101(i)	330.00	990.00	3	990.00	0	0.00
133	4	EA	Remove Existing Sign Foundation, L-101(ii)	600.00	2,400.00	4	2,400.00	0	0.00
134	28	EA	Adjust Existing Stem-mounted Edge Light to Proposed Grade, L-102	500.00	14,000.00	0	0.00	28	14,000.00
135	11	EA	L-852A TW Centerline Light - Semi-Flush, Bi-directional, Green/Green, L-103(i)	1,300.00	14,300.00	11	14,300.00	0	0.00
136	12	EA	L-852E TLOF Light - Semi-Flush, Omni-directional, Green L-103(ii)	1,300.00	15,600.00	12	15,600.00	0	0.00

BID SUMMARY				PROJECT AS ADVERTISED		TRANSIENT HELIPAD (DEDUCTED)		PROPOSED PROJECT	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	QTY	TOTAL	QTY	TOTAL
137	6	EA	L-852T TW Edge Light - Semi-Flush, Omni-directional, blue L-103(iii)	1,600.00	9,600.00	6	9,600.00	0	0.00
138	5	EA	L-861 Landing Directional Light - Stem-mounted, Omni-directional, Yellow, L-103(iv)	700.00	3,500.00	5	3,500.00	0	0.00
139	1,980	LF	No. 4 AWG - 600 Volt, THHN Cable, Copper Wire (PAPI) L-108(i)	2.20	4,356.00	0	0.00	1980	4,356.00
140	990	LF	No. 6 AWG - 600 Volt, THHN Cable, Copper Wire (PAPI) L-108(ii)	1.65	1,633.50	0	0.00	990	1,633.50
141	2,904	LF	No. 8 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport) L-108(iii)	1.65	4,791.60	2904	4,791.60	0	0.00
142	17,193	LF	No. 12 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport), L-108(iv)	1.10	18,912.30	17193	18,912.30	0	0.00
143	1,166	LF	No. 16 AWG - 600 Volt, THHN Cable, Copper Wire (Heliport), L-108(v)	1.10	1,282.60	1166	1,282.60	0	0.00
144	150	LF	Double - 2 inch Sch 40 PVC Duct, 24" Deep, Concrete-Encased, L-110(i)	22.00	3,300.00	100	2,200.00	50	1,100.00
145	3,400	LF	Single - 2 inch Sch 40 PVC Duct, 24" Deep, L-110(ii)	20.00	68,000.00	2400	48,000.00	1000	20,000.00
146	460	LF	Single - 2 inch Sch 40 PVC Duct, 18" Deep, L-110(iii)	18.00	8,280.00	460	8,280.00	0	0.00
147	150	SF	Sawcut & Patch Pavement for Electrical Conduit Installation (PAPI), L-110(iv)	20.00	3,000.00	0	0.00	150	3,000.00
148	6	EA	Electrical Pullbox, L-114	4,000.00	24,000.00	3	12,000.00	3	12,000.00
149	1	EA	Rain Switch, L-116	3,300.00	3,300.00	1	3,300.00	0	0.00
150	1	LS	Precision Approach Path Indicator (4-LHA PAPI), L-126(i)	20,000.00	20,000.00	0	0.00	1	20,000.00
151	1	LS	PAPI Power and Control Unit, L-126(ii)	2,600.00	2,600.00	0	0.00	1	2,600.00
152	1	EA	Solenoid Valve, L-127	2,700.00	2,700.00	1	2,700.00	0	0.00
153	4	EA	Heliport Surface Flood Light, L-128	2,400.00	9,600.00	4	9,600.00	0	0.00
154	2	EA	Submersible Pump with Float Switch, L-129	3,800.00	7,600.00	2	7,600.00	0	0.00
155	1	LS	Heliport Panel & Supports, Lighting Contactors, Photo Electric Cell & Relay Box, L-130	4,000.00	4,000.00	1	4,000.00	0	0.00
156	1	Each	Vault Contactor/ Relay Box, L-131	1,100.00	1,100.00	0	0.00	1	1,100.00
157	1	Each	Constant Current Regulator, 10 KW, L-132	14,000.00	14,000.00	0	0.00	1	14,000.00
158	1	LS	Recycling Implementation, P-158	5,000.00	5,000.00	0	0.00	1	5,000.00
159	1	LS	Administrative Change Orders	80,000.00	80,000.00	0	0.00	1	80,000.00
			TOTAL SCHEDULE B		1,849,877.50		1,079,941.00		769,936.50
			TOTAL BASE BID (SCH. A BASE BID+SCH. B)		4,144,827.02		1,079,941.00		3,064,886.02

DRAFT

NH
4/23/05

HAYWARD CITY COUNCIL

RESOLUTION NO. 05-

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDUM NO. 1, REDUCING THE LOW BID AND AWARDING CONTRACT TO O'GRADY PAVING FOR THE HAYWARD EXECUTIVE AIRPORT IMPROVEMENTS PROJECT, PROJECT NOS. 6818, 6821, 6830, 6833, 6839, 6841, AND 6842

WHEREAS, on May 3, 2005, the City Council approved the plans and specifications for the Hayward Executive Airport Improvements Project, Project Nos. 6818, 6821, 6830, 6833, 6839, 6841, and 6842 and called for bids to be received on May 31, 2005; and

WHEREAS, Addendum No. 1 was added to provide the updated Federal Minimum Wage Rates, make minor revisions to the plans and specifications, and extend the bid opening date from May 31, 2005 to June 7, 2005; and

WHEREAS, on June 7, 2005, five bids were received ranging from \$4,144,827.02 to \$4,820,840.03; O'Grady Paving of Mountain View submitted the low bid in the amount of \$4,144,827.02, which is 29.1 percent higher than the Engineer's Estimate of \$3,209,966.68; and

WHEREAS, to obtain a project that is awardable within existing funding, the City proposed, and the low bidder as well as the FAA accepted, deletion of all work associated with the heliport project, resulting in a revised bid amount of \$3,064,886.02.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that O'Grady Paving is hereby awarded the contract for the Hayward Executive Airport Improvements Project, Project Nos. 6818, 6821, 6830, 6833, 6839, 6841, and 6842, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward, at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute the contract with O'Grady Paving in the name of and for and on behalf of the City of Hayward, in an amount not to exceed \$3,064,886.02, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2005

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward